AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows:

1. (Currently amended) An isolated nucleic acid molecule ~~encodes~~ encoding [for] a human p-Hyde protein, comprising the nucleic acid sequence set forth in SEQ ID No. 1.

2-6 (Cancelled)

7. (Amended) The isolated nucleic acid molecule of claim 1, wherein the nucleic acid is DNA [[, or RNA]].

8-9 (Cancelled)

10. (Previously amended) The isolated nucleic acid molecule of claim 1, wherein the nucleic acid is labeled with a detectable marker

11. (Previously amended) The isolated nucleic acid molecule of claim 10, wherein the detectable marker is a radioactive, colorimetric, luminescent, fluorescent marker, or gold label.

12–17 (cancelled)

18. (Previously amended) A vector comprising the isolated nucleic acid molecule of claim 1.

19. (Currently amended) The vector of claim 18, further comprising [[an]] a regulatory element operatively linked to the nucleic acid molecule.

20. (Previously amended) The vector of claim 19, wherein the regulatory element comprises a bacterial, yeast, insect or mammalian promoter.

21. (Previously amended) The vector of claim 20, wherein the vector is a plasmid, cosmid, yeast artificial chromosome (YAC), bacterial artificial chromosome (BAC), adenovirus, adeno-associated virus, retovirus, P1, bacteriophage or eukaryotic viral DNA.

22. (Currently amended) The ~~adenovirus~~ vector of claim 21, wherein ~~the adenovirus~~ said vector is a replication-deficient adenovirus type 5 expression vector.

23. (Previously amended) The adenovirus vector of claim 22, wherein the adenovirus vector comprises an adenovirus genome wherein the p-Hyde gene is inserted within a deletion in the E1 and E3 region of the genome.

24. (Previously amended) The vector of claim 19, wherein the regulatory element is a Rous Sarcoma virus promoter.

25. (Currently amended) A cell ~~host-vector-system-for-the-production-of-a-polypeptide which comprises~~ comprising the vector of claim 18 ~~in a suitable host~~

26. (Currently amended) The ~~host vector system~~ cell of claim 25, wherein said cell [[the]] ~~suitable host~~ is a ~~prokaryotic~~ prokaryote ~~or eukaryotic cell~~.

27. (Currently amended) The ~~host-vector-system~~ cell of claim [[26]] 25, wherein said ~~the eukaryotic~~ cell is a yeast, insect, plant or mammalian cell.

28-54 (cancelled)

55. (Currently amended) [[The]] An isolated nucleic acid molecule encoding a human p-Hyde protein, ~~of claim 1 having~~ comprising a nucleic acid sequence which shares at least 85% identity with ~~complementary to~~ the nucleic acid sequence of SEQ ID NO: 1

56. (Currently amended) [[The]] An isolated nucleic acid molecule encoding a human p-Hyde protein, ~~of claim 1 having~~ comprising a nucleic acid sequence which shares at least 95% identity with ~~complementary to~~ the nucleic acid sequence of SEQ ID NO: 1.

57-58 (cancelled)

59. (Previously amended) The isolated nucleic acid molecule of claim 7, wherein said DNA is cDNA or genomic DNA.

60. (Currently amended) [[The]] An isolated nucleic acid ~~molecule of claim 1~~, encoding an amino acid sequence ~~having~~ comprising the sequence as set for ~~the~~ in SEQ ID NO. 2

61-63 (cancelled).